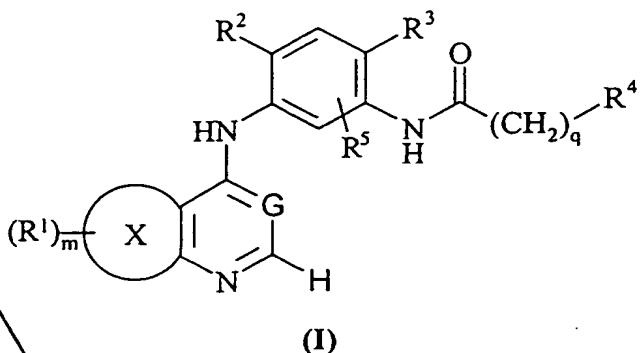


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Claims

1. A bicyclic compound of the Formula (I):



5

wherein:

G is N, CH or C(CN);

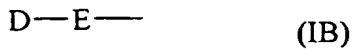
ring X is a 5- or 6-membered fused heteroaryl ring which contains 1, 2 or 3 heteroatoms selected from oxygen, sulphur and nitrogen;

10 m is 0, 1 or 2;

R¹ is hydroxy, halo, trifluoromethyl, cyano, mercapto, nitro, amino, carboxy, carbamoyl, formyl, sulphamoyl, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, -O-(C₁₋₃alkyl)-O-, C₁₋₆alkylS(O)_n- (wherein n is 0-2), N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkoxycarbonyl, N-C₁₋₆alkylcarbamoyl, N,N-(C₁₋₆alkyl)₂carbamoyl, C₂₋₆alkanoyl, 15 C₁₋₆alkanoyloxy, C₁₋₆alkanoylamino, N-C₁₋₆alkylsulphamoyl, N,N-(C₁₋₆alkyl)₂sulphamoyl, C₁₋₆alkylsulphonylamino, C₁₋₆alkylsulphonyl-N-(C₁₋₆alkyl)amino, or R¹ is of the Formula (IA):

wherein A is halo, hydroxy, C₁₋₆alkoxy, C₁₋₆alkylS(O)_n- (wherein n is 0-2), cyano, amino,

20 N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino, carboxy, C₁₋₆alkoxycarbonyl, carbamoyl, N-C₁₋₆alkylcarbamoyl or N,N-(C₁₋₆alkyl)₂carbamoyl, p is 1 - 6, and B is a bond, oxy, imino, N-(C₁₋₆alkyl)imino or -C(O)NH-, with the proviso that p is 2 or more unless B is a bond or -C(O)NH-, or R¹ is of the Formula (IB):



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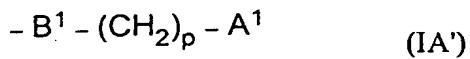
- wherein D is aryl, heteroaryl or heterocyclyl and E is a bond, C₁₋₆alkylene, C₁₋₆alkyleneoxy, oxy, imino, N-(C₁₋₆alkyl)imino, C₁₋₆alkyleneimino, N-(C₁₋₆alkyl)-C₁₋₆alkyleneimino, C₁₋₆alkyleneoxy-C₁₋₆alkylene, C₁₋₆alkyleneimino-C₁₋₆alkylene, N-(C₁₋₆alkyl)-C₁₋₆alkyleneimino-C₁₋₆alkylene, -C(O)NH-, -SO₂NH-, -NHSO₂- or C₂₋₆alkanoylimino, and any
- 5 aryl, heteroaryl or heterocyclyl group in a R¹ group may be optionally substituted with one or more groups selected from hydroxy, halo, C₁₋₆alkyl, C₁₋₆alkoxy, carboxy, C₁₋₆alkoxycarbonyl, carbamoyl, N-C₁₋₆alkylcarbamoyl, N-(C₁₋₆alkyl)₂carbamoyl, C₂₋₆alkanoyl, amino, N-C₁₋₆alkylamino and N,N-(C₁₋₆alkyl)₂amino,
- and any heterocyclyl group in a R¹ group may be optionally substituted with one or two oxo
- 10 or thioxo substituents,
- and any of the R¹ groups defined hereinbefore which comprises a CH₂ group which is attached to 2 carbon atoms or a CH₃ group which is attached to a carbon atom may optionally bear on each said CH₂ or CH₃ group a substituent selected from hydroxy, amino, C₁₋₆alkoxy, N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino and heterocyclyl;
- 15 R² is hydrogen, halo, C₁₋₆alkyl, C₂₋₆alkenyl or C₂₋₆alkynyl;
- R³ is hydrogen, halo, C₁₋₆alkyl, C₂₋₆alkenyl or C₂₋₆alkynyl;
- R⁴ is hydrogen, hydroxy, C₁₋₆alkyl, C₁₋₆alkoxy, amino, N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino, hydroxyC₂₋₆alkoxy, C₁₋₆alkoxyC₂₋₆alkoxy, aminoC₂₋₆alkoxy, N-C₁₋₆alkylaminoC₂₋₆alkoxy, N,N-(C₁₋₆alkyl)₂aminoC₂₋₆alkoxy or C₃₋₇cycloalkyl,
- 20 or R⁴ is of the Formula (IC):



- wherein J is aryl, heteroaryl or heterocyclyl and K is a bond, oxy, imino, N-(C₁₋₆alkyl)imino, oxyC₁₋₆alkylene, iminoC₁₋₆alkylene, N-(C₁₋₆alkyl)iminoC₁₋₆alkylene, -NHC(O)-, -SO₂NH-, -NHSO₂- or -NHC(O)-C₁₋₆alkylene-,
- 25 and any aryl, heteroaryl or heterocyclyl group in a R⁴ group may be optionally substituted by one or more groups selected from hydroxy, halo, trifluoromethyl, cyano, mercapto, nitro, amino, carboxy, carbamoyl, formyl, sulphamoyl, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, -O-(C₁₋₃alkyl)-O-, C₁₋₆alkylS(O)_n- (wherein n is 0-2), N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino, C₁₋₆alkoxycarbonyl, N-C₁₋₆alkylcarbamoyl, N,N-(C₁₋₆alkyl)₂carbamoyl,
- 30 C₂₋₆alkanoyl, C₁₋₆alkanoyloxy, C₁₋₆alkanoylamino, N-C₁₋₆alkylsulphamoyl, N,N-(C₁₋₆alkyl)₂sulphamoyl, C₁₋₆alkylsulphonylamino and C₁₋₆alkylsulphonyl-N-(C₁₋₆alkyl)amino,

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or any aryl, heteroaryl or heterocyclyl group in a R⁴ group may be optionally substituted with one or more groups of the Formula (IA'):



wherein A¹ is halo, hydroxy, C₁₋₆alkoxy, cyano, amino, N-C₁₋₆alkylamino,

- 5 N,N-(C₁₋₆alkyl)₂amino, carboxy, C₁₋₆alkoxycarbonyl, carbamoyl, N-C₁₋₆alkylcarbamoyl or N,N-(C₁₋₆alkyl)₂carbamoyl, p is 1 - 6, and B¹ is a bond, oxy, imino, N-(C₁₋₆alkyl)imino or -NHC(O)-, with the proviso that p is 2 or more unless B¹ is a bond or -NHC(O)-,

or any aryl, heteroaryl or heterocyclyl group in a R⁴ group may be optionally substituted with one or more groups of the Formula (IB'):



wherein D¹ is aryl, heteroaryl or heterocyclyl and E¹ is a bond, C₁₋₆alkylene, oxyC₁₋₆alkylene, oxy, imino, N-(C₁₋₆alkyl)imino, iminoC₁₋₆alkylene, N-(C₁₋₆alkyl)-iminoC₁₋₆alkylene, C₁₋₆alkylene-oxyC₁₋₆alkylene, C₁₋₆alkylene-iminoC₁₋₆alkylene, C₁₋₆alkylene-N-(C₁₋₆alkyl)-iminoC₁₋₆alkylene, -NHC(O)-, -NHSO₂- , -SO₂NH- or -NHC(O)-C₁₋₆alkylene-,

- 15 and any aryl, heteroaryl or heterocyclyl group in a substituent on R⁴ may be optionally substituted with one or more groups selected from hydroxy, halo, C₁₋₆alkyl, C₁₋₆alkoxy, carboxy, C₁₋₆alkoxycarbonyl, carbamoyl, N-C₁₋₆alkylcarbamoyl, N-(C₁₋₆alkyl)₂carbamoyl, C₂₋₆alkanoyl, amino, N-C₁₋₆alkylamino and N,N-(C₁₋₆alkyl)₂amino,
and any C₁₋₇cycloalkyl or heterocyclyl group in a R⁴ group may be optionally substituted with
20 one or two oxo or thioxo substituents,

and any of the R⁴ groups defined hereinbefore which comprises a CH₂ group which is attached to 2 carbon atoms or a CH₃ group which is attached to a carbon atom may optionally bear on each said CH₂ or CH₃ group a substituent selected from hydroxy, amino, C₁₋₆alkoxy, N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino and heterocyclyl;

- 25 R⁵ is hydrogen, halo, trifluoromethyl, cyano, nitro, amino, hydroxy, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₁₋₆alkoxy, N-C₁₋₆alkylamino or N,N-(C₁₋₆alkyl)₂amino;
q is 0, 1, 2, 3 or 4;
or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof;
with the proviso that 7-amino-4-(3-acetamidoanilino)pyrido[4,3-d]pyrimidine is excluded.

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2. A bicyclic compound of the Formula (I) according to claim 1 wherein:

Sub C'

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the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing 6-membered heteroaryl ring within Formula (I) is fuopyrimidinyl, thienopyrimidinyl, pyrrolopyrimidinyl, oxazolopyrimidinyl, thiazolopyrimidinyl, purinyl, pyridopyrimidinyl, pyrimidopyrimidinyl or pteridinyl;

- 5 m is 0 or m is 1 and each R¹ is independently hydroxy, halo, C₁₋₆alkyl, C₁₋₆alkoxy, C₁₋₆alkylS(O)_n- (wherein n is 0-2), N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkyl, N,N-(C₁₋₆alkyl)₂carbamoylC₁₋₆alkoxy, N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkoxy, C₁₋₆alkylS(O)₂-C₁₋₆alkoxy, N,N-(C₁₋₆alkyl)₂amino-N-(C₁₋₆alkyl)C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkylaminoC₁₋₆alkyl, piperidin-1-ylC₁₋₆alkyl,
- 10 homopiperidin-1-ylC₁₋₆alkyl, N-(C₁₋₆alkyl)piperidin-1-ylC₁₋₆alkyl, N-(C₁₋₆alkyl)homopiperidin-1-ylC₁₋₆alkyl, piperazin-1-ylC₁₋₆alkyl, 4-C₁₋₆alkylpiperazin-1-ylC₁₋₆alkyl, homopiperazinyl-1-ylC₁₋₆alkyl, 4-C₁₋₆alkylhomopiperazinyl-1-ylC₁₋₆alkyl, pyrrolidinylC₁₋₆alkoxy, piperidinylC₁₋₆alkoxy, homopiperidinylC₁₋₆alkoxy, N-(C₁₋₆alkyl)pyrrolidinylC₁₋₆alkoxy, N-(C₁₋₆alkyl)piperidinylC₁₋₆alkoxy,
- 15 N-(C₁₋₆alkyl)homopiperidinylC₁₋₆alkoxy, morpholinylC₁₋₆alkoxy, piperazinylC₁₋₆alkoxy, N-(C₁₋₆alkyl)piperazinylC₁₋₆alkoxy, N-(C₁₋₆alkyl)homopiperazinylC₁₋₆alkoxy, pyrrolidinyloxy, N-(C₁₋₆alkyl)pyrrolidinyloxy, piperidinyloxy, N-(C₁₋₆alkyl)piperidinyloxy, homopiperidinyloxy, N-(C₁₋₆alkyl)homopiperidinyloxy, morpholinylC₁₋₆alkylaminoC₁₋₆alkyl, thiazolylC₁₋₆alkoxy or
- 20 pyridylC₁₋₆alkoxy;
 - R² is hydrogen, C₁₋₄alkyl or halo;
 - R³ is hydrogen, C₁₋₄alkyl or halo;
 - q is 0;
 - R⁴ is phenyl, thienyl, furyl, oxazolyl, isoxazolyl, pyrimidyl or pyridyl optionally substituted by one or two halo, trifluoromethyl, cyano, C₁₋₄alkyl, C₁₋₄alkoxy, -O-(C₁₋₃alkyl)-O-, N,N-(C₁₋₄alkyl)₂amino, C₁₋₆alkanoylamino, C₁₋₆alkylsulphonyl-N-(C₁₋₆alkyl)amino, phenyl (optionally substituted by one or two halo groups), furyl, azetidinyl, pyrrolidinyl, 3-pyrrolinyl, piperidino, homopiperidinyl, morpholino, piperazinyl, homopiperazinyl, N-(C₁₋₆alkyl)piperazinyl and N-(C₁₋₆alkyl)homopiperazinyl, or R⁴ is fluorenyl or
- 25 dibenzofuranyl; and
 - R⁵ is hydrogen;
 - or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

3. A bicyclic compound of the Formula (I) according to claim 1 wherein:
the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing
6-membered heteroaryl ring within Formula (I) is furopyrimidinyl, thienopyrimidinyl,
5 pyrrolopyrimidinyl, oxazolopyrimidinyl, thiazolopyrimidinyl, purinyl, pyridopyrimidinyl,
pyrimidopyrimidinyl or pteridinyl;
m is 0 or m is 1 and each R¹ is independently hydroxy, halo, C₁₋₆alkyl, C₁₋₆alkoxy,
C₁₋₆alkylS(O)_n- (wherein n is 0-2), N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkyl,
C₁₋₆alkylS(O)₂C₁₋₆alkoxy, N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkoxy,
10 C₁₋₆alkylS(O)₂-C₁₋₆alkoxy, N,N-(C₁₋₆alkyl)₂amino-N-(C₁₋₆alkyl)C₁₋₆alkylamino,
N,N-(C₁₋₆alkyl)₂aminoC₁₋₆alkylaminoC₁₋₆alkyl, piperazin-1-ylC₁₋₆alkyl, 4-C₁₋₆alkylpiperazin-
1-ylC₁₋₆alkyl, homopiperazinyl-1-ylC₁₋₆alkyl, 4-C₁₋₆alkylhomopiperazinyl-1-ylC₁₋₆alkyl,
pyrrolidinylC₁₋₆alkoxy, piperidinylC₁₋₆alkoxy, N-(C₁₋₆alkyl)pyrrolidinylC₁₋₆alkoxy,
N-(C₁₋₆alkyl)piperidinylC₁₋₆alkoxy, morpholinylC₁₋₆alkoxy, piperazinylC₁₋₆alkoxy,
15 N-(C₁₋₆alkyl)piperazinylC₁₋₆alkoxy, homopiperazinylC₁₋₆alkoxy,
N-(C₁₋₆alkyl)homopiperazinylC₁₋₆alkoxy, pyrrolidinyloxy, piperidinyloxy,
morpholinylC₁₋₆alkylaminoC₁₋₆alkyl or pyridylC₁₋₆alkoxy;
R² is hydrogen, C₁₋₄alkyl or halo;
R³ is hydrogen, C₁₋₄alkyl or halo;
20 q is 0;
R⁴ is phenyl, thienyl, furyl, oxazolyl, isoxazolyl, pyrimidyl or pyridyl optionally substituted
by one or two halo, cyano, C₁₋₄alkyl, C₁₋₄alkoxy, N,N-(C₁₋₄alkyl)₂amino, piperidinyl,
morpholino or piperazinyl; and
R⁵ is hydrogen;
25 or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

4. A bicyclic compound of the Formula (I) wherein:
the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing
6-membered heteroaryl ring within Formula (I) is furo[3,2-d]pyrimidinyl,
30 furo[2,3-d]pyrimidinyl, thieno[3,2-d]pyrimidinyl, thieno[2,3-d]pyrimidinyl,
pyrrolo[3,2-d]pyrimidinyl, pyrrolo[2,3-d]pyrimidinyl, oxazolo[5,4-d]pyrimidinyl,
oxazolo[4,5-d]pyrimidinyl, thiazolo[5,4-d]pyrimidinyl, thiazolo[4,5-d]pyrimidinyl, purinyl,

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pyrido[2,3-*d*]pyrimidinyl, pyrido[3,4-*d*]pyrimidinyl, pyrido[4,3-*d*]pyrimidinyl,
pyrido[3,2-*d*]pyrimidinyl, pyrimido[4,5-*d*]pyrimidinyl, pyrimido[5,6-*d*]pyrimidinyl or
pteridinyl;

m is 0 or *m* is 1 and each R¹ is independently methyl, methoxy, methylthio,

- 5 2-diisopropylaminoethoxy, 3-diethylaminoproxy, 3-morpholinoproxy or
3-pyrrolidin-1-ylpropoxy;

R² is hydrogen, methyl, fluoro or chloro;

R³ is hydrogen;

q is 0;

- 10 R⁴ is phenyl optionally substituted by one or two groups selected from fluoro, chloro,
trifluoromethyl, cyano, methyl, methoxy, ethoxy, methylenedioxy, *N,N*-dimethylamino,
acetamido, *N*-methylmethanesulphonamido, phenyl, 4-fluorophenyl, 4-chlorophenyl, 2-furyl,
azetidin-1-yl, pyrrolidin-1-yl, 3-pyrrolin-1-yl, piperidino, homopiperidin-1-yl, morpholino,
piperazin-1-yl, homopiperazin-1-yl, 4-methylpiperazin-1-yl and 4-methylhomopiperazin-1-yl,
15 or R⁴ is pyridyl optionally substituted by a *N,N*-dimethylamino, *N,N*-diethylamino,
azetidin-1-yl, pyrrolidin-1-yl, 3-pyrrolin-1-yl, piperidino, homopiperidin-1-yl, morpholino,
piperazin-1-yl, homopiperazin-1-yl, 4-methylpiperazin-1-yl or 4-methylhomopiperazin-1-yl
group, or R⁴ is 1-fluorenyl or dibenzofuran-4-yl; and
R⁵ is hydrogen;
- 20 or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

5. A bicyclic compound of the Formula (I) according to claim 1 wherein:
the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing
6-membered heteroaryl ring within Formula (I) is furo[3,2-*d*]pyrimidinyl,

- 25 furo[2,3-*d*]pyrimidinyl, thieno[3,2-*d*]pyrimidinyl, thieno[2,3-*d*]pyrimidinyl,
pyrrolo[3,2-*d*]pyrimidinyl, pyrrolo[2,3-*d*]pyrimidinyl, oxazolo[5,4-*d*]pyrimidinyl,
oxazolo[4,5-*d*]pyrimidinyl, thiazolo[5,4-*d*]pyrimidinyl, thiazolo[4,5-*d*]pyrimidinyl, purinyl,
pyrido[2,3-*d*]pyrimidinyl, pyrido[3,4-*d*]pyrimidinyl, pyrido[4,3-*d*]pyrimidinyl,
pyrido[3,2-*d*]pyrimidinyl, pyrimido[4,5-*d*]pyrimidinyl, pyrimido[5,6-*d*]pyrimidinyl or
30 pteridinyl;

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m is 0 or m is 1 and each R¹ is independently methyl, methoxy, methylthio, 2-diisopropylaminoethoxy, 3-diethylaminopropoxy, 3-morpholinopropoxy or 3-pyrrolidin-1-ylpropoxy;

R² is hydrogen, methyl, fluoro or chloro;

5 R³ is hydrogen;

q is 0;

R⁴ is pyridyl optionally substituted by a N,N-dimethylamino, N,N-diethylamino, pyrrolidin-1-yl, piperidino or morpholino group; and

R⁵ is hydrogen;

10 or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

6. A bicyclic compound of the Formula (I) according to Claim 1 wherein:

the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing 6-membered heteroaryl ring within Formula (I) is thieno[3,2-*d*]pyrimidin-4-yl,

15 thieno[2,3-*d*]pyrimidin-4-yl, thiazolo[5,4-*d*]pyrimidin-7-yl, 6-purinyl,

pyrido[2,3-*d*]pyrimidin-4-yl, pyrido[3,4-*d*]pyrimidin-4-yl, pyrido[4,3-*d*]pyrimidin-4-yl, pyrido[3,2-*d*]pyrimidin-4-yl or pteridin-4-yl;

m is 0 or m is 1 and R¹ is methyl or methylthio;

R² is methyl;

20 R³ is hydrogen;

q is 0;

R⁴ is phenyl, 3-fluorophenyl, 4-cyanophenyl, 2-methylphenyl, 2-methoxyphenyl, 3-methoxyphenyl, 3-ethoxyphenyl, 3,4-dimethoxyphenyl, 3,4-methylenedioxyphe nyl, 3-(N,N-dimethylamino)phenyl, 3-acetamidophenyl, 3-(4-fluorophenyl)phenyl,

25 3-(2-furyl)phenyl, 3-pyrrolidin-1-ylphenyl, 3-morpholinophenyl,

3-fluoro-5-pyrrolidin-1-ylphenyl, 3-fluoro-5-piperidinophenyl, 3-fluoro-5-morpholinophenyl or 3-morpholino-5-trifluoromethylphenyl, or R⁴ is 2-morpholinopyrid-4-yl,

or R⁴ is 1-fluorenyl or dibenzofuran-4-yl; and

R⁵ is hydrogen;

30 or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

7. A bicyclic compound of the Formula (I) according to claim 1 wherein:

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the bicyclic ring formed by the fusion of ring X to the adjacent nitrogen-containing 6-membered heteroaryl ring within Formula (I) is thieno[3,2-d]pyrimidin-4-yl, thieno[2,3-d]pyrimidin-4-yl, thiazolo[5,4-d]pyrimidin-7-yl, pyrido[2,3-d]pyrimidin-4-yl, pyrido[3,4-d]pyrimidin-4-yl, pyrido[4,3-d]pyrimidin-4-yl, pyrido[3,2-d]pyrimidin-4-yl or

5 pteridin-4-yl;

m is 0 or m is 1 and R¹ is methyl or methylthio;

R² is methyl;

R³ is hydrogen;

q is 0;

10 R⁴ is 2-morpholinopyrid-4-yl; and

R⁵ is hydrogen;

or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

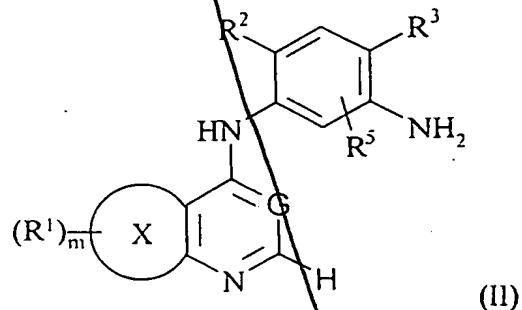
8. A bicyclic compound of the Formula (I) according to claim 1 selected from :-

15 4-[2-methyl-5-(2-morpholinopyridine-4-carboxamido)anilino]thieno[3,2-d]pyrimidine, 4-[2-methyl-5-(2-morpholinopyridine-4-carboxamido)anilino]pyrido[4,3-d]pyrimidine, 4-[2-methyl-5-(2-morpholinopyridine-4-carboxamido)anilino]pteridine and 6-[2-methyl-5-(2-morpholinopyridine-4-carboxamido)anilino]purine; or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof.

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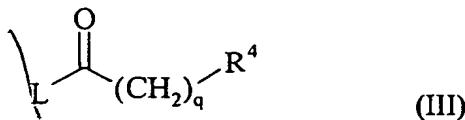
9. A process for preparing a compound of the Formula (I), or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof, according to claim 1 which comprises:

a) reacting an aniline of the Formula (II):



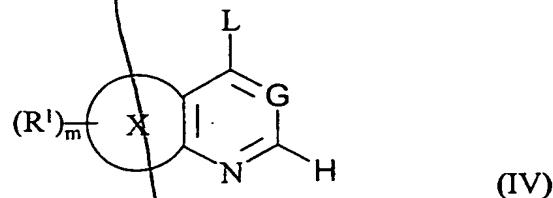
25 with an acyl compound of the Formula (III):

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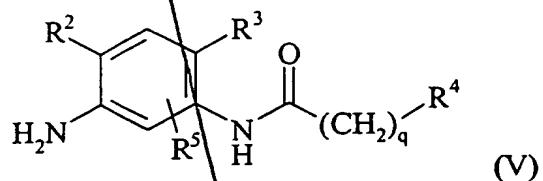


wherein G, R¹, R², R³, R⁴, R⁵, ring X, m and q are as defined in claim 1 and L is a displaceable group;

- b) reacting an activated bicyclic heteroaryl ring of the Formula (IV):



wherein G, R¹, ring X and m are as defined in claim 1 and wherein L is a displaceable group, with an aniline of the Formula (V):



wherein R², R³, R⁴, R⁵ and q are as defined in claim 1;

- 10 or c) for the preparation of a compound of the Formula (I) wherein R¹ or a substituent on R⁴ is C₁₋₆alkoxy or substituted C₁₋₆alkoxy, C₁₋₆alkylS-, N-C₁₋₆alkylamino, N,N-(C₁₋₆alkyl)₂amino or substituted C₁₋₆alkylamino, the alkylation, conveniently in the presence of a suitable base, of a compound of the Formula (I) wherein R¹ or a substituent on R⁴ is hydroxy, mercapto or amino as appropriate;

- 15 and thereafter if necessary:

- i) converting a compound of the Formula (I) into another compound of the Formula (I);
- ii) removing any protecting groups; and
- iii) forming a pharmaceutically acceptable salt or *in vivo* cleavable ester.

20

10. A pharmaceutical composition which comprises a bicyclic compound of the Formula (I), or a pharmaceutically acceptable salt or *in vivo* cleavable ester thereof, according to claim 1 in association with a pharmaceutically acceptable diluent or carrier.

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11. The use of a bicyclic compound of the Formula (I), or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof, according to claim 1 or the use of the compound 7-amino-4-(3-acetamidoanilino)pyrido[4,3-*d*]pyrimidine in the manufacture of a medicament for use in the treatment of diseases or medical conditions mediated by cytokines.

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12. A method of treating diseases or medical conditions mediated by cytokines which comprises administering to a warm-blooded animal an effective amount of a bicyclic compound of the Formula (I), or a pharmaceutically acceptable salt or an *in vivo* cleavable ester thereof, according to claim 1 or of the compound 7-amino-

10 4-(3-acetamidoanilino)pyrido[4,3-*d*]pyrimidine.

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